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(71) Applicant: **NEC CORPORATION**
Tokyo (JP)

(72) Inventor: **Matsuda, Jun-ichi**
Minato-ku, Tokyo (JP)

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(74) Representative: **Betten & Resch**
Postfach 10 02 51
80076 München (DE)

(54) **Wireless communication network and wireless communication apparatus**

(57) A wireless communication network (181) includes wireless repeaters (15,16) having radio irradiating surfaces. The wireless repeaters are fixed so that the radio irradiating surfaces thereof are adhered to two

surfaces of a wall (19) and, thereby, a wireless connection (110) is established by setting the wall as a radio transmitting medium. The wireless communication network connects wired communication networks (13,14), thereby structuring an indoor network.

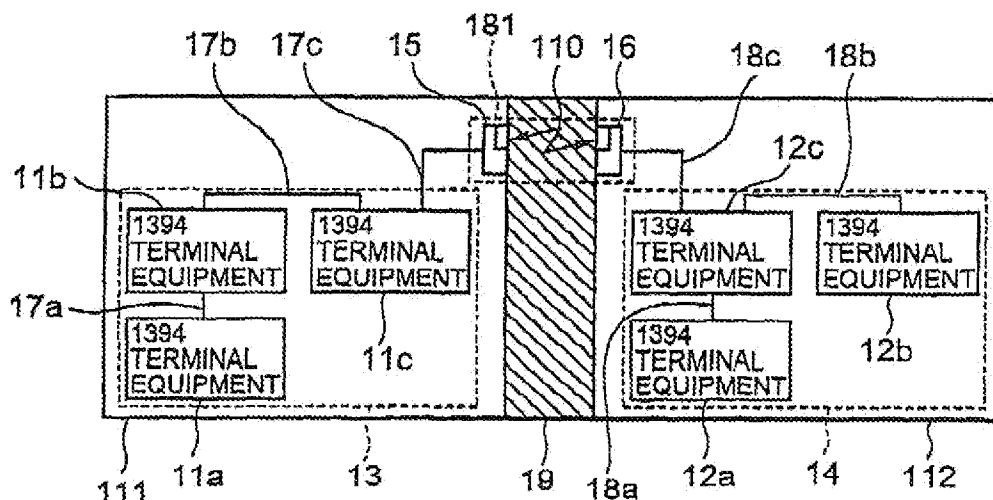


FIG.2